	Application No.	Applicant(s)	
Notice of Allowability	10/071,372	KERN ET AL.	
	Examiner	Art Unit	
	John H Le	2863	
The MAILING DATE of this communication apper All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in or other appropriate communication is significant or other appropriate communication is significant or other appropriate communication is significant or other appropriate communication in the communication of the comm	n this application. If not included unication will be mailed in due course. I	ΓHIS nitiative
<ol> <li>This communication is responsive to <u>Applicant's amendments</u></li> <li>The allowed claim(s) is/are <u>1-4 and 6-24</u>.</li> <li>The drawings filed on <u>08 February 2002</u> are accepted by the drawings filed on <u>108 February 2002</u> are accepted by the drawings filed on <u>108 February 2002</u> are accepted by the drawings filed on <u>108 February 2002</u> are accepted by the drawings filed on <u>108 February 2002</u> are accepted by the drawings filed on <u>108 February 2002</u> are accepted by the drawings filed on <u>108 February 2002</u> are accepted by the drawings filed on <u>108 February 2002</u> are accepted by the drawings filed on <u>108 February 2002</u> are accepted by the drawings filed on <u>108 February 2002</u> are accepted by the drawings filed on <u>108 February 2002</u> are accepted by the drawings filed on <u>108 February 2002</u> are accepted by the drawings filed on <u>108 February 2002</u> are accepted by the drawings filed on <u>108 February 2002</u> are accepted by the drawings filed on <u>108 February 2002</u> are accepted by the drawings filed on <u>108 February 2002</u> are accepted by the drawings filed on <u>108 February 2002</u> are accepted by the drawings filed on <u>108 February 2002</u> are accepted by the drawings filed on <u>108 February 2002</u> are accepted by the drawings filed on <u>108 February 2002</u> are accepted by the drawings filed on <u>108 February 2002</u> are accepted by the drawings filed on <u>108 February 2002</u> are accepted by the drawings filed on <u>108 February 2002</u> are accepted by the drawings filed on <u>108 February 2002</u> are accepted by the drawings filed on <u>108 February 2002</u> are accepted by the drawings filed on <u>108 February 2002</u> are accepted by the drawings filed on <u>108 February 2002</u> are accepted by the drawings filed on <u>108 February 2002</u> are accepted by the drawings filed on <u>108 February 2002</u> are accepted by the drawings filed on <u>108 February 2002</u> are accepted by the drawings filed on <u>108 February 2002</u> are accepted by the drawings filed on <u>108 February 2002</u> are accepted by the drawings filed on <u>108 February 2002</u> are a</li></ol>	he Examiner.	or (f)	
a) All b) Some* c) None of the:			
1. Certified copies of the priority documents have			
2. Certified copies of the priority documents have been received in Application No			
3. Copies of the certified copies of the priority documents have been received in this national stage application from the			
International Bureau (PCT Rule 17.2(a)).  * Certified copies not received:			
<ul> <li>5. Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.</li> <li>(a) The translation of the foreign language provisional application has been received.</li> <li>6. Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included</li> </ul>			
in the first sentence of the specification or in an Application	Data Sheet. 37 CFR 1.78.	TET SINGS & SPASING TOTOLONG THE IN	oluucu
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.			
7. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.			
8. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.  (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached  1) ☐ hereto or 2) ☐ to Paper No			
<ul> <li>(b) ☐ including changes required by the proposed drawing correction filed, which has been approved by the Examiner.</li> <li>(c) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No</li> </ul>			
Identifying indicia such as the application number (see 37 CFR 1.8 each sheet. Replacement sheet(s) should be labeled as such in the	84(c)) should be written on th ne margin according to 37 CF	e drawings in the front (not the back) of R 1.121(d).	
9. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.			
Attachm nt(s)		•	
1 Notice of References Cited (PTO-892)	5 ☐ Notice of Info	rmal Patent Application (PTO-152)	
<ul> <li>Notice of Draftperson's Patent Drawing Review (PTO-948)</li> <li>Information Disclosure Statements (PTO-1449 or PTO/SB/08 Paper No. 12/02/2002</li> <li>Examiner's Comment Regarding Requirement for Deposit of Biological Material</li> </ul>		nmary (PTO-413), Paper No	,
	), 7⊠ Examiner's A	mendment/Comment	
	8⊠ Examiner's St 9⊡ Other .	atement of Reasons for Allowance	

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## Response to Amendment

1. Applicant's amendment filed 11/13/2003 has been entered and carefully considered.

The abstract has been amended.

Claims 1, 6, 9, 13, 15, 21, and 22 have been amended.

Claim 5 has been cancelled.

## **EXAMINER'S AMENDMENT**

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Attorney Ronald D. Hantman on 12/09/2003.

The applicant has been amended as follows:

In claims:

Claim 1, line 3, "said oil refinery unit" has been change to -an oil refinery unit--.

Cancel claim 5.

## Reasons for Allowance

- 3. Claims 1-4 and 6-24 are allowed.
- 4. The following is a statement of reasons for the indication of allowable subject matter:

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Regarding claim 1, none of the prior art of record teaches or suggests the combination of a method to monitor and analyze the performance of a petroleum processing unit, wherein the method comprising steps of collecting historical data relating to an oil refinery unit from a process history database; performing a workup to determine the output measurements, wherein said historical data comprising process data, including temperatures, pressures, flow rates and catalyst loadings, start and stop dates of the last workup; and storing the results of said workup in said process history database. It is these limitations as they are claimed in the combination, which have not been found, taught or suggested in the prior art of record, that make these claims allowable over the prior art.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

## Contact Information

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to John H. Le whose telephone number is (703) 605-4361. The examiner can normally be reached on 9:00 - 5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John E. Barlow can be reached on (703) 308-3126. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.

John H. Le

Patent Examiner-Group 2863

December 9, 2003